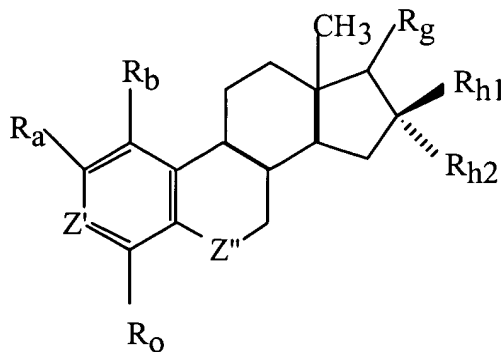


### Amendments to the Claims

Please amend the claims as indicated below.

1. (Currently Amended) A compound of the general formula:



wherein:

- a)  $R_b$  and  $R_o$  are independently -H;
- b)  $R_a$  is  $-N_3$ ,  $-C\equiv N$ ,  $-C\equiv C-R$ ,  $-CH=CH-R$ ,  $-R-CH=CH_2$ ,  $-C\equiv CH$ ,  $-O-R$ ,  $-R-R_1$ ,  $-OC(O)CH_3$ ,  $-C(O)H$ ,  $-NH_2$ ,  $-NMe_2$ ,  $-NHMe$ , or  $-O-R-R_1$  where  $R$  is a straight or branched alkyl with up to 10 carbons or aralkyl, and  $R_1$  is  $-OH$ ,  $-NH_2$ ,  $-Cl$ ,  $-Br$ ,  $-I$ ,  $-F$  or  $CF_3$ ;
- c)  $Z'$  is  $>COH$ ;
- d)  $>C-R_g$  is  $>C(H)-OH$ ;
- e)  $R_{h1}$  and  $R_{h2}$  are independently H, or a straight or branched chain alkyl, alkenyl or alkynyl with up to 6 carbons that is unsubstituted, or substituted with one or more groups selected from a hetero functionality ( $O-Y$ ,  $N-Y_2$  or  $S-Y$ ) where  $Y$  is independently selected from H, Me or an alkyl chain up to 6 carbons; a halo functionality (F, Cl, Br or I); an aromatic group optionally substituted with hetero, halo or alkyl; or  $R_{h1}$  and  $R_{h2}$  are independently an aromatic group optionally substituted with hetero, halo or alkyl, provided that both  $R_{h1}$  and  $R_{h2}$  are not H;

f) Z'' is  $>\text{CH}_2$ ;

and wherein all monosubstituted substituents have either an  $\alpha$  or  $\beta$  configuration.

2. (Previously presented) The compound of Claim 1, wherein:

$\text{R}_a$  is  $\text{OCH}_3$ ; and

$>\text{C}-\text{R}_g$  is  $>\text{C}(\text{H})-\beta\text{-OH}$ .

3. (Original) The compound of Claim 2, wherein:

$\text{R}_{h1}$  and  $\text{R}_{h2}$  are independently H and Et.

4. (Original) The compound of Claim 2, wherein:

$\text{R}_{h1}$  and  $\text{R}_{h2}$  are independently H and n-Pr.

5. (Original) The compound of Claim 2, wherein:

$\text{R}_{h1}$  and  $\text{R}_{h2}$  are independently H and i-Bu.

6. (Original) The compound of Claim 2, wherein:

$\text{R}_{h1}$  and  $\text{R}_{h2}$  are independently H and  $\text{CH}_2\text{OH}$ .

7. (Original) The compound of Claim 2, wherein:

$\text{R}_{h1}$  and  $\text{R}_{h2}$  are independently H and n-Bu.

8. (Original) The compound of Claim 2, wherein:

$\text{R}_{h1}$  and  $\text{R}_{h2}$  are independently H and Me.

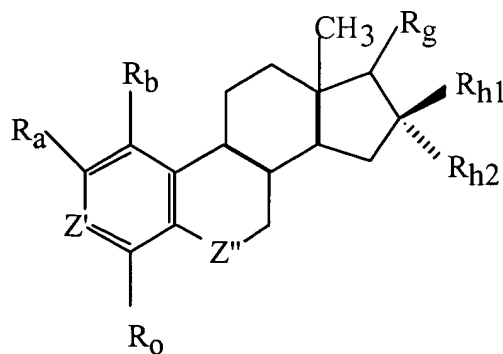
9. (Previously presented) The compound of Claim 1, wherein:

$\text{R}_{h1}$  and  $\text{R}_{h2}$  are independently H and  $(\text{CH}_2)_n\text{N}(\text{Me})_2$ , wherein

n is from 1 to 6.

10. (Canceled).

11. (Previously presented) A compound of the general formula:



wherein:

$R_a$  is -O-R where R is a straight or branched alkyl with up to 10 carbons or aralkyl, with the proviso that  $R_a$  is not OMe;

$R_b$  and  $R_0$  are H,

$Z'$  is  $>C-OH$ ,

$>C-R_g$  is  $>C(H)OH$ ,

$R_{h1}$  and  $R_{h2}$  are independently H, or a straight or branched chain alkyl, alkenyl or alkynyl with up to 6 carbons that is unsubstituted, or substituted with one or more groups selected from a hetero functionality (O-Y, N-Y<sub>2</sub> or S-Y) where Y is independently selected from H, Me or an alkyl chain up to 6 carbons; a halo functionality (F, Cl, Br or I); an aromatic group optionally substituted with hetero, halo or alkyl; or  $R_{h1}$  and  $R_{h2}$  are independently an aromatic group optionally substituted with hetero, halo or alkyl, provided that both  $R_{h1}$  and  $R_{h2}$  are not H; and

$Z''$  is  $>CH_2$ ,

and wherein all monosubstituted substituents have either an  $\alpha$  or  $\beta$  configuration.

12. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{OC(O)CH}_3$ .

13. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{C(O)H}$ .

14. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{CH}_2\text{OH}$ .

15. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{NH}_2$ .

16. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{C}\equiv\text{CCH}_3$ .

17. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{N}_3$ .

18. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{OEt}$ .

19. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{CH=CHCH}_3$ .

20. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{NMe}_2$ .

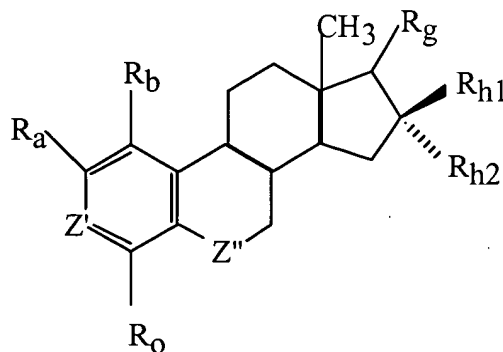
21. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{O-n-Pr}$ .

22. (Previously presented) The compound of Claim 1, wherein:

$R_a$  is  $\text{OCH}_2\text{CF}_3$ .

23. (Withdrawn) A compound of the general formula:



wherein:

$R_b$  is H,

$R_o$  is -H, -Cl, -Br, -I, -F, -CN, lower alkyl, -OH, -CH<sub>2</sub>-OH, -NH<sub>2</sub>; or N( $R_6$ )( $R_7$ ), wherein  $R_6$  and  $R_7$  are independently hydrogen or an alkyl or branched alkyl with up to 6 carbons;

$R_a$  is -N<sub>3</sub>, -C≡N, -C≡C-R, -CH=CH-R, -R-CH=CH<sub>2</sub>, -C≡CH, -O-R, -R-R<sub>1</sub>, -OC(O)CH<sub>3</sub>, -C(O)H, -NH<sub>2</sub>, -NMe<sub>2</sub>, -NHMe, or -O-R-R<sub>1</sub> where R is a straight or branched alkyl with up to 10 carbons or aralkyl, and  $R_1$  is -OH, -NH<sub>2</sub>, -Cl, -Br, -I, -F or CF<sub>3</sub>;

$Z'$  is >C-OH,

>C- $R_g$  is >C(H)OH or >CH<sub>2</sub>,

$R_{h1}$  and  $R_{h2}$  are H, and

$Z''$  is  $>CH_2$ ,  $>C=O$ ,  $>C(H)-OH$ ,  $>C=N-OR_5$ ,  $>C(H)-C\equiv N$ , or  $>C(H)-NR_5R_5$ , wherein each  $R_5$  is independently hydrogen, an alkyl or branched alkyl with up to 10 carbons or aralkyl;  
and wherein all monosubstituted substituents have either an  $\alpha$  or  $\beta$  configuration.

24. (Withdrawn) The compound of Claim 23, wherein:

$R_O$  is Br,

$R_a$  is Br,

$>C-R_g$  is  $>C(H)OH$ , and

$Z''$  is  $>CH_2$ .

25. (Withdrawn) The compound of Claim 23, wherein:

$R_O$  is H,

$R_a$  is OEt,

$>C-R_g$  is  $>C(H)OH$ , and

$Z''$  is  $>C(H)OH$ .

26. (Withdrawn) The compound of Claim 23, wherein:

$R_O$  is H,

$R_a$  is OEt,

$>C-R_g$  is  $>C(H)OH$ , and

$Z''$  is  $>C=NOMe$ .

27. (Withdrawn) The compound of Claim 23, wherein:

$R_O$  is H,

$R_a$  is OEt,

$>C-R_g$  is  $>C(H)OH$ , and

$Z''$  is  $>C=NOH$ .

28. (Withdrawn) The compound of Claim 23, wherein:

$R_O$  is H,

$R_a$  is  $NH_2$ ,

$>C-R_g$  is  $>CH_2$ , and

$Z''$  is  $>CH_2$ .

29. (Withdrawn) The compound of Claim 23, wherein:

$R_O$  is H,

$R_a$  is  $NMe_2$ ,

$>C-R_g$  is  $>CH_2$ , and

$Z''$  is  $>CH_2$ .

30. (Withdrawn) The compound of Claim 23, wherein:

$R_O$  is H,

$R_a$  is  $NHMe$ ,

$>C-R_g$  is  $>CH_2$ , and

$Z''$  is  $>CH_2$ .